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NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH

Section A: accelerators, spectrometers, detectors and associated equipment

Editors:

William Barletta
Robert Klanner
Glenn F. Knoll
Fabio Sauli
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Section A – Accelerators, Spectrometers, Detectors and Associated Equipment

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Nuclear Instruments and Methods in Physics Research – Section A publishes papers on design, manufacturing and performance of scientific instruments with an emphasis on large scale facilities. This includes the development of particle accelerators, ion sources, beam transport systems and target arrangements as well as the use of secondary phenomena such as synchrotron radiation and free electron lasers. It also includes all types of instrumentation for the detection and spectrometry of radiations from high energy processes and nuclear decay, as well as instrumentation for experiments at nuclear reactors. Specialized electronics for nuclear and other types of spectrometry as well as computerization of measurements and control systems in this area also find their place. Theoretical as well as experimental papers are accepted.

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